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PATENT

ATTORNEY DOCKET NO. 04148-00005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Pierre J.F. Layrolle et al.

Examiner: Jennifer Kolb Michener

Serial No.: 09/757,344 ✓

Art Unit: 1762

Filed: January 9, 2001

Title: METHOD FOR COATING MEDICAL
IMPLANTS

#13/K
Hed a
11/9/02

Assistant Commissioner for Patents
Washington, D.C. 20231

AMENDMENT AND RESPONSE TO OFFICE ACTION

This is in response to the Office Action dated June 4, 2002 (Paper No. 11). Kindly amend the above-referenced application as follows.

In the claims:

Please amend the claims as follows:

EL 39. (Amended) A coated implant comprising an implant and a coating, wherein said coating comprises a deposit of octacalcium phosphate crystals nucleated directly onto the implant from solution with the coating having an average bond strength to the implant of between 40 to 65 Mpa, and wherein said coating induces formation of bone cells from progenitor cells.